

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/027,205

DATE: 03/07/98
TIME: 16:19:45

INPUT SET: S2909.raw

This Raw Listing contains the General
Information Section and up to the first 5 pages.

Does Not Comply
Corrected Diskette Needed

SEQUENCE LISTING

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(1) General Information:

(i) APPLICANT: Carl H. June et al.

P.2

(ii) TITLE OF INVENTION: Methods for Modulating Expression of an
HIV-1 Fusion Cofactor

(iii) NUMBER OF SEQUENCES: 7

(iv) CORRESPONDENCE ADDRESS:

- (A) ADDRESSEE: LAHIVE & COCKFIELD, LLP
- (B) STREET: 28 State Street
- (C) CITY: Boston
- (D) STATE: Massachusetts
- (E) COUNTRY: USA
- (F) ZIP: 02109

(v) COMPUTER READABLE FORM:

- (A) MEDIUM TYPE: Floppy disk
- (B) COMPUTER: IBM PC compatible
- (C) OPERATING SYSTEM: PC-DOS/MS-DOS
- (D) SOFTWARE: PatentIn Release #1.0, Version #1.25

(vi) CURRENT APPLICATION DATA:

- (A) APPLICATION NUMBER:
- (B) FILING DATE:
- (C) CLASSIFICATION:

(vii) PRIOR APPLICATION DATA:

- (A) APPLICATION NUMBER: US 60/037,422
- (B) FILING DATE: 21-FEB-1997

(viii) ATTORNEY/AGENT INFORMATION:

- (A) NAME: Amy E. Mandragouras
- (B) REGISTRATION NUMBER: 36,207
- (C) REFERENCE/DOCKET NUMBER: GIN-005

(ix) TELECOMMUNICATION INFORMATION:

- (A) TELEPHONE: (617) 227-7400
- (B) TELEFAX: (617) 742-4214

(2) INFORMATION FOR SEQ ID NO:1:

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- 47 (i) SEQUENCE CHARACTERISTICS:
48 (A) LENGTH: 7 amino acids
49 (B) TYPE: amino acid
50 (D) TOPOLOGY: linear
51

52 (ii) MOLECULE TYPE: peptide
53

54 (v) FRAGMENT TYPE: internal
55
56

57 (ix) FEATURE:

- 58 (A) NAME/KEY: Peptide
59 (B) LOCATION: 1

60 (D) OTHER INFORMATION: /note= "Xaa is between 0 and 20
61 amino acids"
62

63 (ix) FEATURE:

- 64 (A) NAME/KEY: Peptide
65 (B) LOCATION: 7

66 (D) OTHER INFORMATION: /note= "Xaa is between 0 and 20
67 amino acids"
68
69

70 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

71 Xaa Pro Pro Tyr Tyr Leu Xaa
72 1 5
73
74

75 (2) INFORMATION FOR SEQ ID NO:2:

- 76
77 (i) SEQUENCE CHARACTERISTICS:
78 (A) LENGTH: 39 base pairs
79 (B) TYPE: nucleic acid
80 (C) STRANDEDNESS: single
81 (D) TOPOLOGY: linear
82

83 (ii) MOLECULE TYPE: cDNA
84
85
86

87 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

88
89 CATGAAGCTT CTCGAGCCGC CACCATGGCT TGCCTTGGA
90

91 (2) INFORMATION FOR SEQ ID NO:3:

- 92
93 (i) SEQUENCE CHARACTERISTICS:
94 (A) LENGTH: 40 base pairs
95 (B) TYPE: nucleic acid
96 (C) STRANDEDNESS: single
97 (D) TOPOLOGY: linear
98

99 (ii) MOLECULE TYPE: cDNA

"Xaa" can only represent a single amino acid.
Variable length not permitted.
Show the maximum number of Xaa's
with variable length, and state that
some Xaa's may be missing (place
statement in (ix) FEATURE: section).

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103 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:
104
105 GAGAATTCTA GACTAGCTTA AGTCAGAATC TGGGCACGGT 40
106
107 (2) INFORMATION FOR SEQ ID NO:4:
108
109 (i) SEQUENCE CHARACTERISTICS:
110 (A) LENGTH: 21 base pairs
111 (B) TYPE: nucleic acid
112 (C) STRANDEDNESS: single
113 (D) TOPOLOGY: linear
114
115 (ii) MOLECULE TYPE: cDNA
116
117
118
119 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
120
121 GGCTAACTAG GGAACCCACT G 21
122
123 (2) INFORMATION FOR SEQ ID NO:5:
124
125 (i) SEQUENCE CHARACTERISTICS:
126 (A) LENGTH: 24 base pairs
127 (B) TYPE: nucleic acid
128 (C) STRANDEDNESS: single
129 (D) TOPOLOGY: linear
130
131 (ii) MOLECULE TYPE: cDNA
132
133
134
135 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:
136
137 CTGCTAGAGA TTTTCCACAC TGAC 24
138
139 (2) INFORMATION FOR SEQ ID NO:6:
140
141 (i) SEQUENCE CHARACTERISTICS:
142 (A) LENGTH: 30 base pairs
143 (B) TYPE: nucleic acid
144 (C) STRANDEDNESS: single
145 (D) TOPOLOGY: linear
146
147 (ii) MOLECULE TYPE: cDNA
148
149
150
151 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:
152

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153 CCGTCTGTTG TGTGACTCTG GTAAC TAGAG

154
155 (2) INFORMATION FOR SEQ ID NO:7:

156 (i) SEQUENCE CHARACTERISTICS:
157 (A) LENGTH: 30 base pairs
158 (B) TYPE: nucleic acid
159 (C) STRANDEDNESS: single
160 (D) TOPOLOGY: linear
161

162 (ii) MOLECULE TYPE: cDNA
163

164
165
166 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:
167

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168 CTTGATAATC CATCTTGTTT CACCCTGTGC
169
170

PAGE: 1

SEQUENCE VERIFICATION REPORT
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Original Text